CEDTYPICATE OF	TRANSMISSION BY FACS	SIMILE (37 CFR 1.8)		Docket No.
Applicant(s): Baruch Ple				2001-0066-01
Serial No. 09/803,320	Filing Date 3/9/01	Examiner  A. Harrington		Group Art Unit 2873
Invention: MULTI-INPUT, MULTI-	OUTPUT MOTION CONTROL	FOR LITHOGRAPHY SYST	EM	10 Pages
I hereby certify that this is being facsimile transm on October  (Date)	nitted to the United States Patent	nder 37 CFR 3.73(b), & Chans (Identify type of correspondence) t and Trademark Office (Fax.		orrespondence Add. 872 – 9306 03-892-9318
		Stephanie (Typed or Printed Name of Pe	rson Sigr	itt uing Certificate)  Thanua
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# Change Of Attorney Or Agent's Address In Application (37 CFR 1.8(a))

Docket No.

2001-0066-01

In Re Application Of:

Baruch Pletner, et al.

Serial No. 09/803,320 Filing Date 3/9/01

Examiner A. Harrington Group Art Unit 2873

Invention:

MULTI-INPUT, MULTI-OUTPUT MOTION CONTROL FOR LITHOGRAPHY SYSTEM

### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Please send all correspondence for this application to:

William Cray, Reg. No. 27,627 Cymer, Inc. Legal Dept. MS/4-2C 17075 Thornmint Court San Diego, California 92127 Telephone: (858) 385-7185 Facsimile: (858) 385-6025

Please direct all telephone calls to:

William Cray, Reg. No. 27,627

Cymer, Inc.

Legal Dept. MS/4-2C 17075 Thornmint Court San Diego, California 92127 Telephone: (858) 385-7185

Facsimile: (858) 385-6025

Signature of Attorney of Agent of Record

Dated: October 15 2003

William Cray, Reg. No. 27,627

Cymer, Inc.

Legal Dept. MS/4-2C

17075 Thornmint Court

San Diego, California 92127

Telephone: (858) 385-7185

Facsimile: (858) 385-6025

Registration Number & Address of Attorney or Agent of Record

I certify that this document is being deposited on 10/15/03 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and Is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Stephanie Sharrett

Typed or Printed Name of Person Mailing Correspondence

PTO/SB/81 (06-03) Approved for use through 11/30/2005. OMB 0651-0035 Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Index to Proposed Reduction Act of 1995, no persons are required to respon	

POWER OF ATTORNEY and
CORRESPONDENCE
ADDRESS INDICATION FORM

Application Number	09/803,320
Filing Date	March 9, 2001
First Named Inventor	Baruch Pletner, et al.
Art Unit	2873
Examiner Name	A. Harrington
Attorney Docket Number	2001-0066-01

				•
I hereby appoint:				
Drestitioners at C	Customer Number	<del>_</del>		
OR	Justomer Namber			
Practitioner(s) na	med below:			
	Name		Registration	Number
Albert P. Cefa	lo		27,31	5
William Cray			27,62	7
as my/our attorney(s) o	or agent(s) to prosecute the application	ı identi	fied above, and	to transact all
business in the United	States Patent and Trademark Office of	onn <u>ec</u>	ed therewith.	
	ange the correspondence address for			plication to:
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OR				_
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OR	<u> </u>			. <del></del>
<u> </u>				
Firm or Individual Name	Cymer, Inc.			
Address	Legal Dept. MS/4-2C			
Address	17075 Thornmint Court	<del>,</del>		<del></del>
City	San Diego	State	California	Zip 92127
Country	USA			
Telephone	(858) 385-7185	Fax	(858) 385-6025	
I am the:				
Applicant/Inventor.				
Assignee of record	of the entire interest. See 37 CFR 3.71.			
Statement under 3	7 CFR 3.73(b) is enclosed. (Form PTO/SB/96).			
	SIGNATURE of Applicant or A		e of Record	
Name Nancy	J. Baker, Senior VP and Chief Financial O	fficer		
Signature 9	and & Bake-			
Date October 2003 Telephone (858) 385-7166				
NOTE: Signatures of all the inv	ventors or assignees of record of the entire inte	rest or th	eir representative(s	) are required. Submit
multiple				
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This collection of information is required by 97 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<u>STATEM!</u>	ENT UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: Barach Pictner, et al.	
Application No./Patent No.: 09/803,320	Filed/Issue Date: March 9, 2001
	TION CONTROL FOR LITHOGRAPHY SYSTEM
Cymer, Inc.	, a Corporation
(Name of Assigney)	(Type of Assignee, e.g., corporation, pertnership, university, government agency, etc.)
states that it is:	
1.  the assignee of the entire right, title, and inte	erest; or
2. Tan assignee of less than the entire right, title	and interest.
The extent (by, percentage) of its ownership	interest is %
in the patent application/patent identified above by vir	rtue of either:
A. [ ] An assignment from the Inventor(s) of the patent appl States Patent and Trademark Office at Reel	lication/patent Identified above. The assignment was recorded in the United, Frame, or for which a copy thereof is attached.
OR	
	licestan/artest identified above to the current accluses as shown helder
B. [ ] A chain of title from the inventor(s), or the patent appl	lication/patent identified above, to the current assignee as shown below:
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[ ] Additional documents in the chain of title are	listed on a supplemental sheet.
[ ] Copies of assignments or other documents in the chain [NOTE: A separate copy (i.e., the original assignment dissignment Division in accordance with 37 CFR MPEP 302.08]	of title are attached.  locument or a true copy of the original document) must be submitted to Part 3, if the assignment is to be recorded in the records of the USPTO. See
The undersigned (whose title is supplied below) is authorize	ed to act on behalf of the assignee.
	Nancy J. Baker
October 2003  Date	Typed or printed name
Date	1) 0 8
(858) 385-7166	1 and I Delle
Telephone number	Signature
	Senior VP and CFO
	Title

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FORM PTO-1619A Expires 08/30/99 OMB 0851-0027	U.S. Department of Commerce Patent and Trademark Office PATENT
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	- RDATION FORM COVER SHEET
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TO: The Commissioner of Patents and Traden	narks: Please record the attached original documents) or copyties).
Submission Type	Conveyance Type
<b>√</b> New	Assignment Security Agreement
Resubmission (Non-Recordation)	License Change of Name
Document ID# Correction of PTO Error	Merger Other
Reel # Frame #	U.S. Government
Corrective Document	(For Use ONLY by U.S. Government Agencies)  Departmental File Secret File
	Departmental 175
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date Yes 9/13/2003
Name (line 1) Baruch Pletner	7/13/2003
Name (line 2)	Execution Date Month Day Ye
Second Party Name (line 1) Richard Perkins	9/10/2003
Name (line 2)	
Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) Cymer, Inc.	If document to be record is an assignment and the recording party is not
Name (line 2) Legal Dept. MS/4-2C	domiciled in the United States, an appointment
	of a domestic representative is anache (Dosignation must be a
Address (line 1) 17075 Thornmint Court	separate document from Assignment.)
Address (line 2)	
Address (No. 9) San Diago	California/USA 92127
Address (line 3) San Diego	State/Country Zip Code
Domestic Representative Name at	nd Address Enter for the first Receiving Party only.
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FORM PTO-1619B Excites 08/3099 OMB 0851-0927	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
orrespondent Name and Address	Area Code and Telephone Number	(858) 385-7185
Name William Cray, Reg. No. 27,627		
ddress (line 1) Cymer, Inc.		
ddress (line 2) Legal Dept. MS/4-2C		
ddress (line 3) 17075 Thornmint Court		
ddress (line 4) San Diego, California 92127		
Pages Enter the total number of paincluding any attachments.	eges of the attached conveyance docum	ent #
Enter either the Patent Application Number or the Patent Application Number or the Patent Application Number (s)  09803320  fi this document is being filed together with a new P	Patent Number (DO NOT ENTER BOTH numbers Pater	nt Number(s)
Patent Cooperation Treaty (PCT)  Enter PCT application number only if a U.S. Application Number has not been assigned.	PCT PCT PCT	PCT PCT
Number of Properties Enter the tot	al number of properties involved.	# 1
Fee Amount Fee Amou	nt for Properties Listed (37 CFR 3.41):	\$ 40.00

# Statement and Signature

To the best of my knowledge and belief, the foregoing intermation is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated bernin.

indicated herein.

William Cray	The state of the s	
Name of Person Signing	Signature	

October 10, 2003

Date

FORM PTO-1619C Expires 06/30/99 OMB 0851-0027	CONTINUATION PATENTS ONLY	U.S. Department of Commerce Patent and Trademark Office PATENT
Conveying Party(ies	·)	of conveying parties attached  Execution Date  Month Day Year
Enter additional Conveying		Month Day Year 09/26/2003
Name (line 1) Leonard Lu	blin	
Name (line 2)		Execution Date  Month Day Year
Name (line 1)		
Name (line 2)		Execution Date Month Dzy Year
Name (line 1)		
Name (line 2)		
Receiving Party	Mark if ad	ditional names of receiving parties attached
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Name (line 2)		domiciled in the United States, an appendment of a domestic
Address (line 1)		representative is stacked. (Designation must be a superate document from
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	City State/Country	·
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Address (line 3)		
	City State/Country	Ze Code  Mark If additional numbers attached
Application Number	er(s) or Patent Number(s)  Application Number or the Patent Number (DO NOT ENTER BO	
Enter either the Patent	plication Number(s)	Patent Number(s)
Patent App	Sileation (diffuser(a)	

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CYMER, Inc. Attn: Legal Department MS/1-2A 16750 Via Del Campo Court San Diego, California 92127

#### PATENT APPLICATION

Attorney Docket No. 2001-0066-01

#### ASSIGNMENT OF PATENT APPLICATION

We, Baruch Pletner, Richard Perkins, and Leonard Lublin, have agreed and hereby agree to assign to CYMER, Inc., a Nevada corporation having its principal place of business in San Diego, California (hereinafter CYMER), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to CYMER, its successors and assigns, the entire right, title and interest, including the right of priority, in and to our Invention for

# MULTI-INPUT, MULTI-OUTPUT MOTION CONTROL FOR LITHOGRAPHY SYSTEM

as described and/or claimed in our application for Letters Patent of the United States of America, filed March 9, 2001, as USSN 09/803,320, and as described and/or claimed in any and all continuations, continuations-in-part (C-I-Ps), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, and any reissues, or re-examinations, or extensions of said Letters Patent.

We additionally authorize CYMER to file applications in our names for Letters Patent in any country, to be held and enjoyed by CYMER, its successors, assigns, numinees or legal expresentatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made;

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to CYMER, its successors, assigns, nominees or legal representatives, and we agree to communicate to CYMER, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to ald CYMER, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by us in lending such cooperation and assistance are paid by CYMER;

AND we hereby authorize and request the commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to CYMER, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

Dated: 4-13-2003 | Waruch Pletner

Dated: Richard Perkins

Dated: Leonard Lublin

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Attorney Docket No. 2001-0066-01

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AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to CYMER, its successors, assigns, nominees or legal representatives, and we agree to communicate to CYMER, or to its nomlinee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid CYMER, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by us in lending such cooperation and assistance are paid by CYMER:

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Dated: 9/10/63	Baruch Pletner
Dated:	Pruhod Tieden
Dated:	Leonard Lublin

When recorded please return to:

CYMER, Inc. Attn: Legal Department MS/1-2A 16750 Via Del Campo Court San Diego, California 92127

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Attorney Docket No. 2001-0066-01

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Dated:	Baruch Pletner
Dated:	Richard
Dated: 9/26/03	Leonard Lubiin